

# Electronic Filing System (EFS) Data

## Electronic Patent Application Submission

### USPTO Use Only

EFS ID: 12912  
Application ID: 09683018  
Title of Invention: ELECTRIC MACHINE WITH  
COOLING RINGS  
First Named Inventor: Feng Liang  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2001-11-08   
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 200-0994 KAV  
Digital Certificate Holder: cn=Damian Porcari, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: pQOdok8NuwrFhh6clf2CBw==  
Total Fees Authorized: \$780.0

Payment Category: DA – Deposit Account  
Deposit Account Number: 61510  
Deposit Account Name: Sheri L. Charles

U.S. PTO  
JC923 09/683018  
11/08/01

# TRANSMITTAL FORM

Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number: 200-0994 KAV

## ELECTRIC MACHINE WITH COOLING RINGS

First Named Inventor: Feng Liang

**SUBMITTED BY**

Organization Name: Ford Motor Company

Name: Sheri Lynn Charles Electronic  
Application Specialist

Electronic Signature Mark: /slc Date Signed: 20011108

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

Attached Files:

bibd-transmittal	200-0994apds.xml
fee-transmittal	200-0994fee.xml
patent-assignment	200-0994asgn.xml
declaration	consent.tif
declaration	declaration1of4.tif
declaration	declaration2of4.tif

declaration	declaration3of4.tif
declaration	declaration4of4.tif
specification	SPEC.xml

**Attached Image File(s):**

consent.tif  
declaration1of4.tif  
declaration2of4.tif  
declaration3of4.tif  
declaration4of4.tif

DECODED IMAGE

**Comments:**

Comments

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PATENT APPLICATION

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D. C. 20231

Case Docket No. 200-0994  
Date: October 1, 2001

Sir:

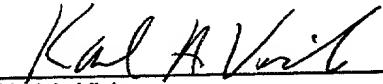
Inventor(s):

Xingyi Xu  
Mikhail Avanesov  
Feng Liang

For: **ELECTRIC MACHINE WITH COOLING RINGS.**

The attorney or agent below has reviewed this application and its attachments and consents to electronic filing by the assignee.

Respectfully submitted:

  
\_\_\_\_\_  
Karl A. Vick  
Attorney or Agent of Record  
Registration No. 33,288  
Ford Global Technologies, Inc.  
One Parklane Blvd.,  
600 Parklane Towers East  
Dearborn, MI 48126  
Telephone: 313-323-8130

09/26/2001 10:38 AM

**DECLARATION AND POWER OF ATTORNEY - ORIGINAL APPLICATION****Attorney's Docket No.  
200-0994**

As a below named inventor, I hereby declare:  
My residence, post office address and citizenship are as stated below next to my name;

I verily believe I am the original, first and sole inventor or an original, first and joint inventor of the subject matter that is claimed for which a patent is sought on the invention entitled

**ELECTRIC MACHINE WITH COOLING RINGS.**

the specification of which is attached hereto.

I have reviewed and understand the contents of the specification identified above, including the claims.

I acknowledge my duty to disclose information of which I am aware that is material to the examination of this application in accordance with Section 1.56(a), Title 37 of the Code of Federal Regulations; and as to application for patents or inventor's certificate on the invention filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns,

no such applications have been filed, or  
 such applications have been filed as follows:  
 I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below

COUNTRY	APPLICATION NO.	DATE OF FILING (month, day, year)	DATE OF ISSUE (month, day, year)	PRIORITY CLAIMED UNDER 35 USC 119	<input type="checkbox"/> Additional provisional application numbers a on a suppl priority dat PTO/SB/02 attached her

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application Number) (Filing Date) (Status - patented, pending, abandoned)

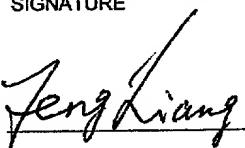
(Application Number) (Filing Date) (Status - patented, pending, abandoned)

**POWER OF ATTORNEY:** - I/we hereby appoint the following Practitioners: Customer Number 28787, Ernest E. Helms - as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office and all foreign Patent Offices.

Address all correspondence and telephone calls to:

Ernest E. Helms  
Dykema Gossett PLLC  
1577 North Woodward Avenue Suite 300  
Bloomfield Hills, MI 48304-2820 Phone: 248-203-0700

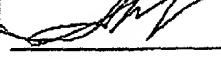
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statement jeopardize the validity of the application or any patent issuing thereon.

NAME AND MAILING ADDRESS OF INVENTOR:	RESIDENCE	CITIZENSHIP	SIGNATURE	D
Feng Liang 46291 Briargate Drive Canton, MI 48187 US	Canton, MI 48187 US	China		9
Mikhail Avramovich Avanesov 3355 West Middlebury, Apt. #201 Dearborn, MI 48120 US	Dearborn, MI 48120 US	Russia	<hr/> <hr/> <hr/>	
Xingyi Xu 47231 Glenhurst Drive Canton, MI 48187 US	Canton, MI 48187 US	China	<hr/> <hr/> <hr/>	

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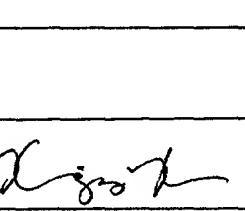
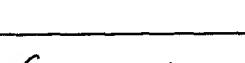
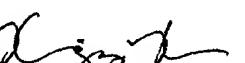
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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Feng Liang 46291 Briargate Drive Canton, MI 48187 US	Canton, MI 48187 US	China		—
Mikhail Avramovich Avanesov 3355 West Middlebury, Apt. #201 Dearborn, MI 48120 US	Dearborn, MI 48120 US	Russia		—
Xingyi Xu 48655 Manhattan Circle Canton, MI 48188 US	Canton, MI 48188 US	China		91

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

## TOTAL FEES AUTHORIZED: \$ 780

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 06-1510



Deposit Account Name: Ford Global Technologies, Inc.

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

### SUBMITTED BY

Authorized Name: Sheri L. Charles

Electronic Signature Mark: /slc

Date Signed: 20011108

### BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

### EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 15	103	\$ 18	0	\$ 0
Independent Claims: 1	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

#### ADDITIONAL FEES

Fee Description	Fee Code	Fee Paid
Recording Each Patent Assignment Per Property Fee	581	\$ 40

Subtotal For Additional Fees: \$ 40